

Burroughs Corporation



COMPUTER SYSTEMS GROUP  
SANTA BARBARA PLANT

2219 0128

B1800/B1700 COLDSTART/DISK

### PRODUCT SPECIFICATION

REV LTR	REVISION ISSUE DATE	APPROVED BY	REVISIONS
A	10/13/76	<i>J. Hille</i>	Original Issue (MARK 6.1 Release)
B	12/6/77	<i>J. Hille</i>	Updated to Software Release Level Mark 7.0. 3-2: Added the following message and an explanation. WARNING - <file-identifier> IS NOT AN IAD FILE

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B18C0/B1700 CCLDSTART/DISK  
P. S. 2219 0128 (B)

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### GENERAL DESCRIPTION

COLDSTART/DISK is a standalone program designed to coldstart a disk using a second disk to provide the necessary files. Only the first drive of a cartridge, pack or head-per-track can be used as the system disk. Only a user or single system disk can be used as input. Standard code file names will be used in the file search. If these names cannot be found, COLDSTART/DISK will request new names. An option is also provided to copy the remaining files from the input disk after the standard programs have been copied.

Note: Do not use the copy option if there are more files on the input disk than can be contained on the output disk.

### RELATED DOCUMENTATION

Name ----	Number -----
B1800/B1700 Software Operational Guide	1068731

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### OPERATING INSTRUCTIONS

The COLDSTART/DISK program does not operate under the control of the MCP and must be loaded and executed through the cassette reader on the control panel. Information is supplied to COLDSTART/DISK through the SPO as to drives needed and the copy option.

After COLDSTART/DISK has been loaded successfully, the following messages will appear:

```
COLDSTART/DISK MARK <version number>
ENTER OUTPUT DRIVE - <DCA, DPA OR DKA>
```

A correct response will produce the message:

```
ENTER INPUT DRIVE - <DC?, DP? OR DKA>
```

After a correct response, the following message appears:

```
IS COMPLETE COPY DESIRED? <YES OR NO>
```

After the COLDSTART and copy (if requested), the final message is:

```
COLDSTART COMPLETE - CLEAR START REQUIRED
```

Example:

```
MSG:    COLDSTART/DISK MARK VII.0
MSG:    ENTER OUTPUT DRIVE - <DCA, DPA OR DKA>
RSP:    DKA
MSG:    ENTER INPUT DRIVE - <DC?, DP? OR DKA>
RSP:    DPB
MSG:    IS COMPLETE COPY DESIRED? <YES OR NO>
RSP:    YES
MSG:    COLDSTART COMPLETE - CLEAR START REQUIRED
```

These responses coldstart the head-per-track disk using the standard program names (MCP11, GISMO, SDL/INTERP1S, SDL/INTERP1M, SYSTEM/INIT, MCP11/MICRO.MCP, FILE/LOADER, SYSTEM/MEMDUMP, and SYSTEM/LOAD.DUMP), and copy the entire disk to the new output system disk.

Note: SYSTEM/LOAD.CAS will be sought as a standard file name rather than SYSTEM/LOAD.DUMP if tape is not present on the system.

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### ERROR MESSAGES

1. DISK ERROR - RESULT IN 'T'

The T-Register contains the result status of the I/O error. Message 2 will follow.

2. HIT START TO RETRY

This message will follow message 1.

3. INVALID RESPONSE - TRY AGAIN

The user responded with other than the requested data.

4. BAD FILE HEADER <multi-file-id> <file-id> ADDRESS <hex address>

The input file has a bad header or the header is located on another disk; the file cannot be copied.

5. INSUFFICIENT DISK SPACE FOR COLDSTART

The necessary coldstart files (See example in section 2) required more disk space than was available on the disk. Obtain another disk and restart COLDSTART/DISK.

6. INVALID COLDSTART

Will follow message 5 or 17.

7. NO DISK DEVICE ON SYSTEM

There are no cartridges or packs on the system and COLDSTART/DISK cannot be used.

8. RESTART TO CONTINUE

Follows messages 6 and 7.

9. <multi-file-id> INVALID SUB DIRECTORY

COLDSTART/DISK cannot access any file with this multi-file-id.

10. <multi-file-id> <file-id> NOT FOUND

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11. ENTER THE CORRECT <multi-file-id> <file-id> NAME

If a standard name file cannot be found, this message will appear. The operator should input the name of a program which can be used to provide the same function as the program which COLDSTART/DISK could not find.

12. <multi-file-id> <file-id> BAD AREA ADDRESS <hex address>

Retries could not correct bad reads on this file, but it still will be copied if it is not a coldstart system file and should be manually verified.

13. <multi-file-id> <file-id> IS A MULTI PACK FILE - CANNOT COPY

It is illegal to copy a multi-pack file to a system disk.

14. DISK NOT READY <drive>

15. DISK NOT PRESENT <drive>

16. WRITE LOCKOUT <drive>

17. INSUFFICIENT DISK SPACE FOR <multi-file-id> <file-id>

During the complete copy, the remaining space was not large enough to accommodate this file. Restart COLDSTART/DISK either without the complete copy option or after unnecessary files have been removed.

18. PACK LABEL BAD

19. WARNING - <file-identifier> IS NOT AN IAD FILE

The input file was an Installation Allocated Disk (IAD) file, but the output file name <file-identifier> will not be an IAD file.

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## *Product Specification*

CONTROL DOC. None

SYSTEM B1800/B1700

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